

Data File : VW006363.D
Acq On : 25 Oct 2018 14:39
Operator : SY/AP
Sample : J5657-03
Misc : 5.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40K1

Quant Time: Oct 26 04:09:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 04:05:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	370134	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322651	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	147018	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74567	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
7) Chloroethane-d5	2.90	69	71777	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
10) 1,1-Dichloroethene-d2	4.01	63	117773	14.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.76%
20) 2-Butanone-d5	7.09	46	53005	38.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.62%
24) Chloroform-d	7.65	84	178913	22.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	8.31	65	102005	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.00%
29) Benzene-d6	8.27	84	351162	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	9.28	67	104635	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.68%
37) Toluene-d8	10.33	98	332509	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.80%
38) trans-1,3-Dichloropropene-	10.58	79	40298	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.04%
39) 2-Hexanone-d5	10.93	63	42355	39.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102505	23.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	118287	23.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.88%

Target Compounds

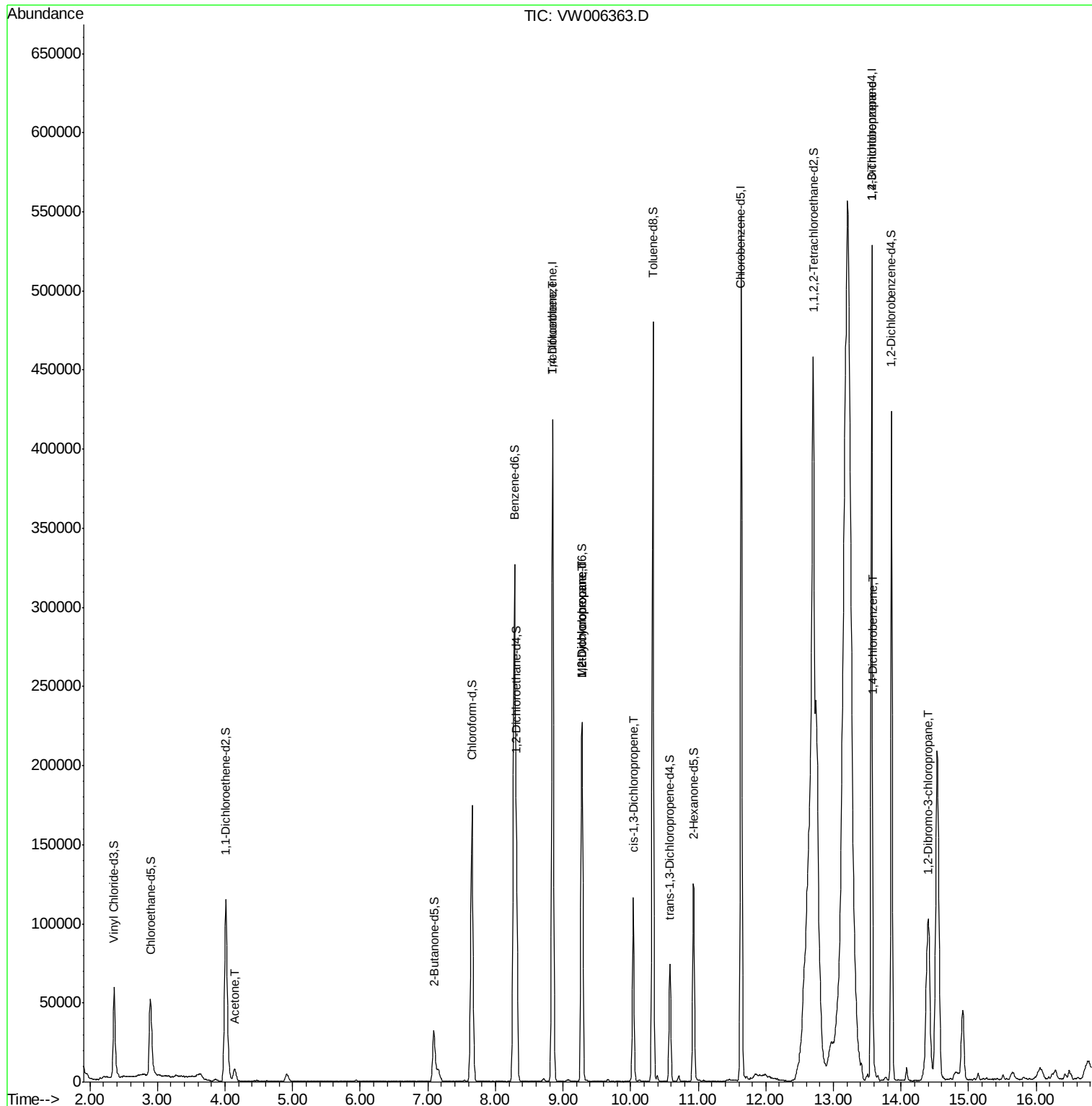
					Qvalue
13) Acetone	4.14	43	13076	9.355 ug/L	99
35) Trichloroethene	8.85	95	10859	2.330 ug/L #	2
36) Methylcyclohexane	9.28	83	26287	3.079 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	12235	2.978 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2990	0.446 ug/L #	69
59) 1,2,3-Trichloropropane	13.57	75	17755	5.352 ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	11278	1.240 ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.40	75	2097	3.137 ug/L #	21

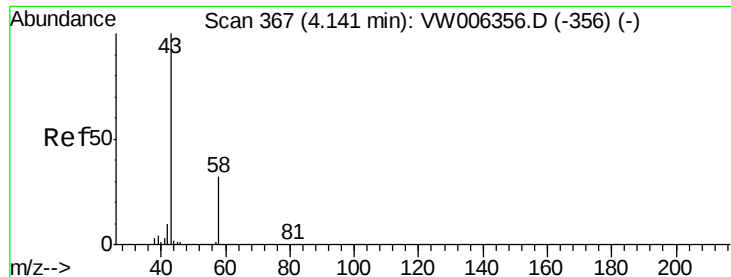
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.355 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

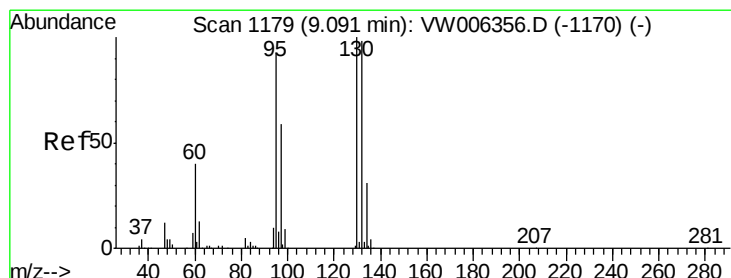
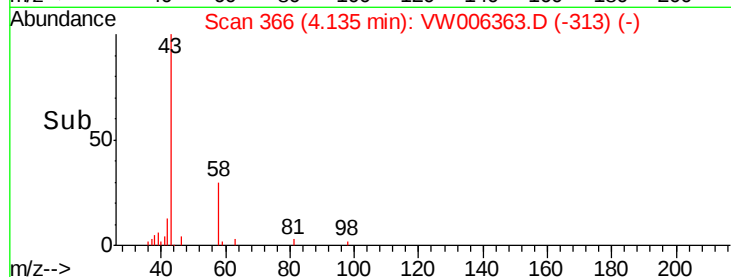
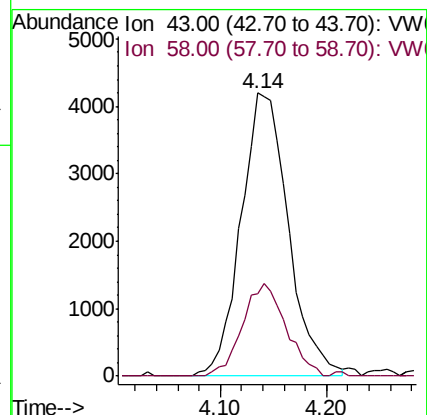
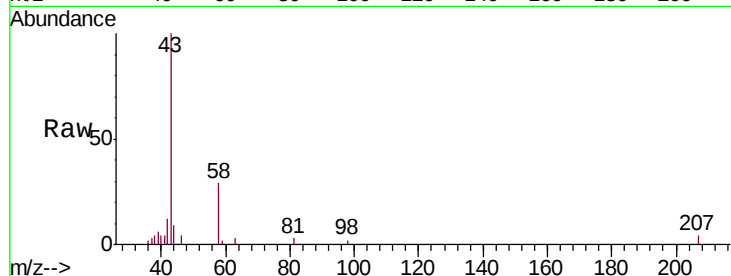
A40K1

Tgt Ion: 43 Resp: 13076

Ion Ratio Lower Upper

43 100

58 30.1 0.0 61.2



#35

Trichloroethene

Concen: 2.330 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Acq: 25 Oct 2018 14:39

Tgt Ion: 95 Resp: 10859

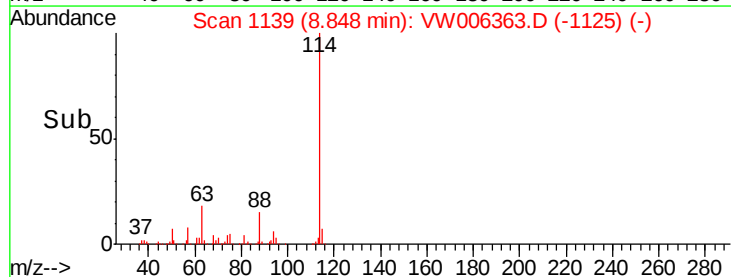
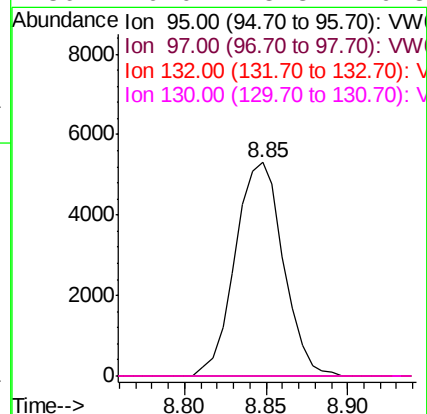
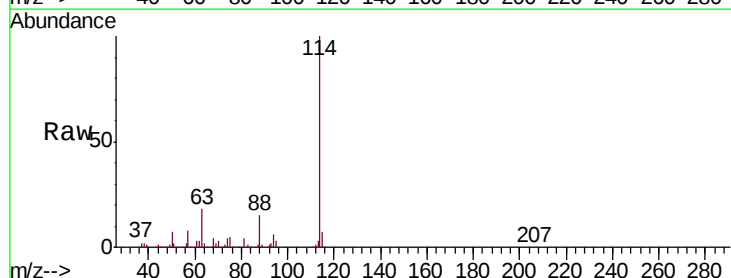
Ion Ratio Lower Upper

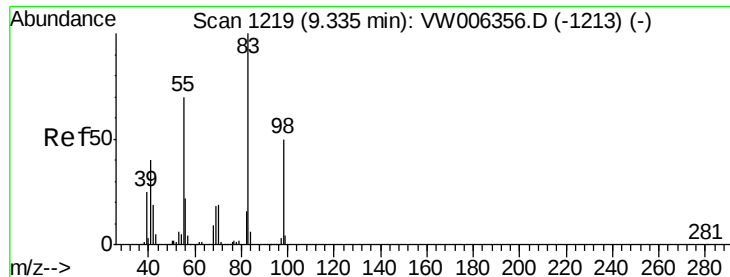
95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#





#36

Methylcyclohexane

Concen: 3.079 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampled :

A40K1

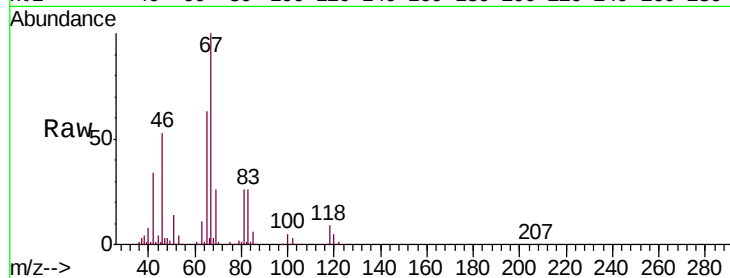
Tgt Ion: 83 Resp: 26287

Ion Ratio Lower Upper

83 100

55 0.7 57.1 85.7#

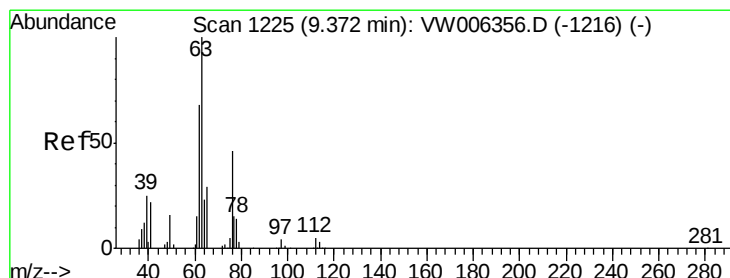
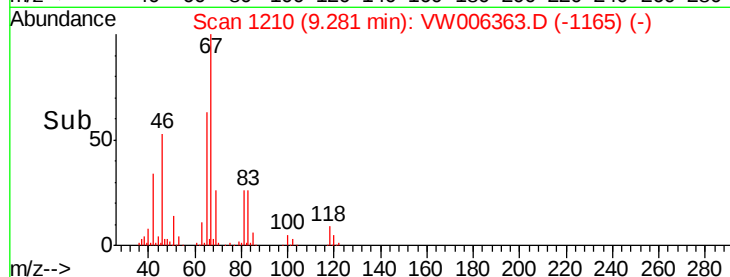
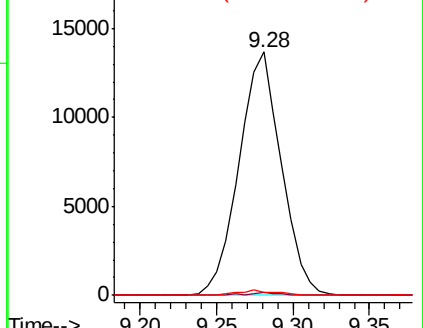
98 1.1 38.9 58.3#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

1,2-Dichloropropane

Concen: 2.978 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006363.D

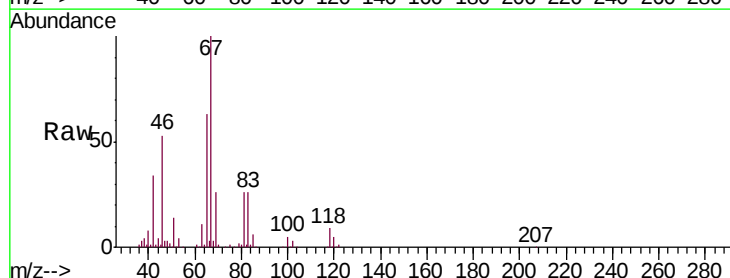
Acq: 25 Oct 2018 14:39

Tgt Ion: 63 Resp: 12235

Ion Ratio Lower Upper

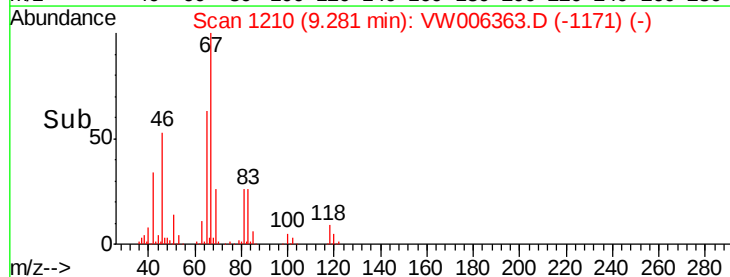
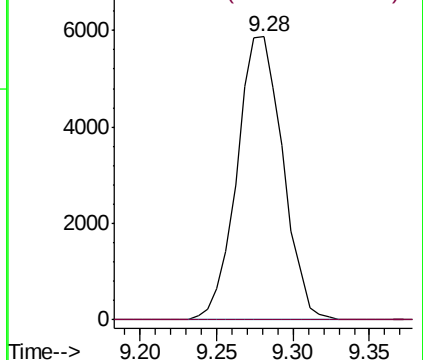
63 100

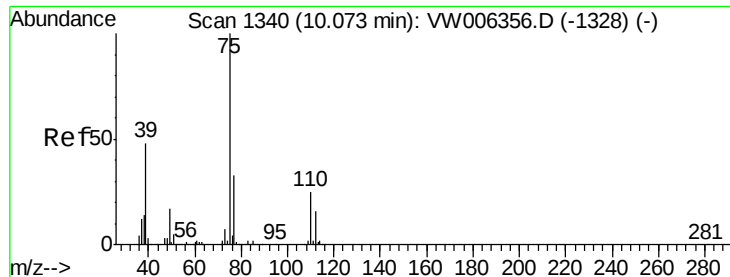
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.446 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006363.D

Acq: 25 Oct 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

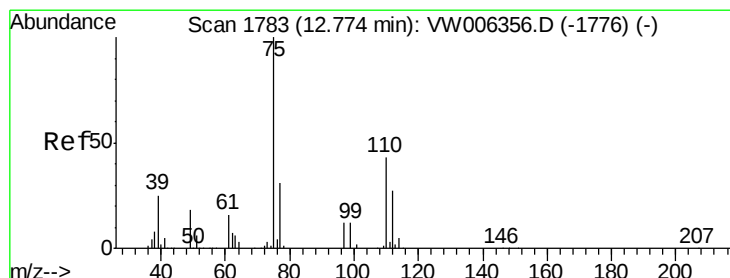
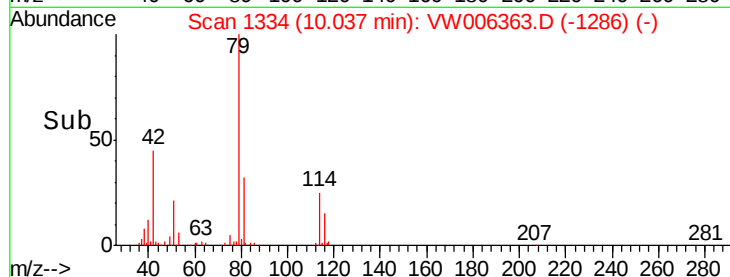
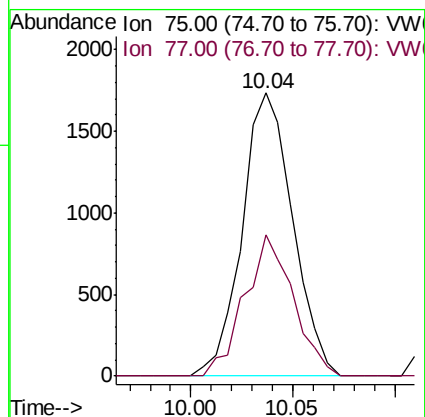
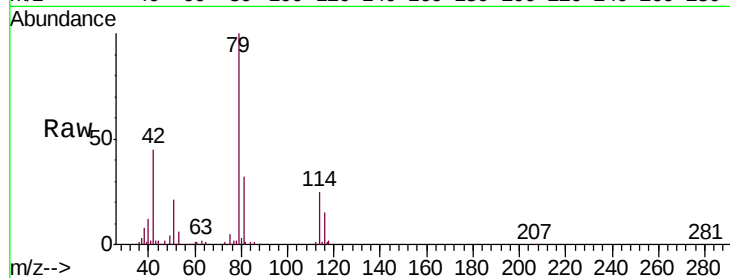
A40K1

Tgt Ion: 75 Resp: 2990

Ion Ratio Lower Upper

75 100

77 49.9 22.6 42.0#



#59

1,2,3-Trichloropropane

Concen: 5.352 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006363.D

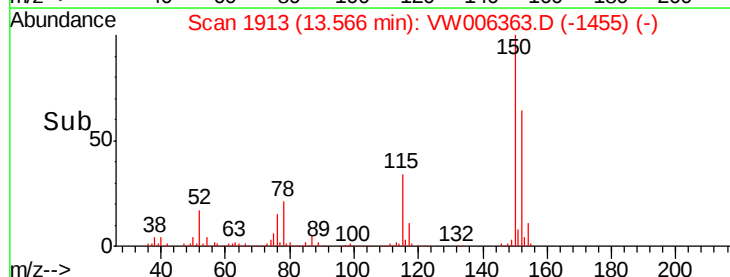
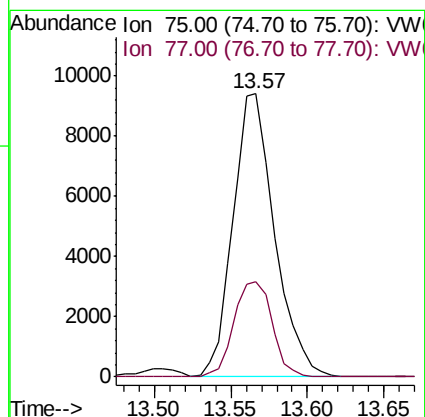
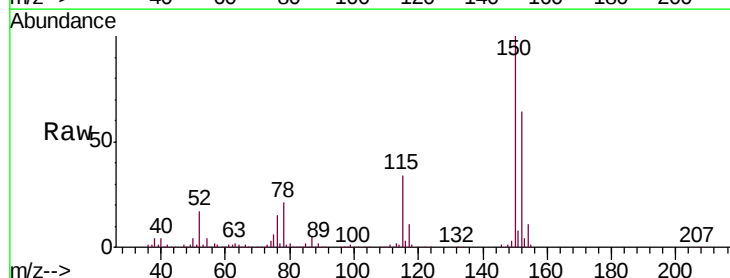
Acq: 25 Oct 2018 14:39

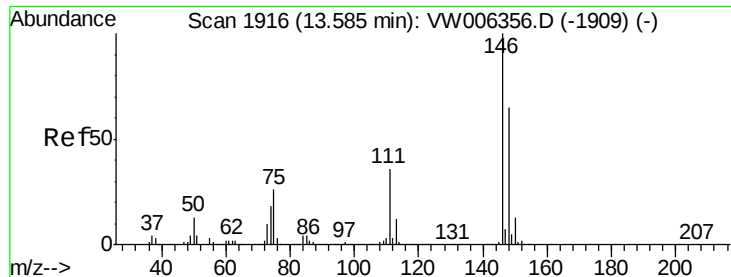
Tgt Ion: 75 Resp: 17755

Ion Ratio Lower Upper

75 100

77 30.8 25.9 38.9

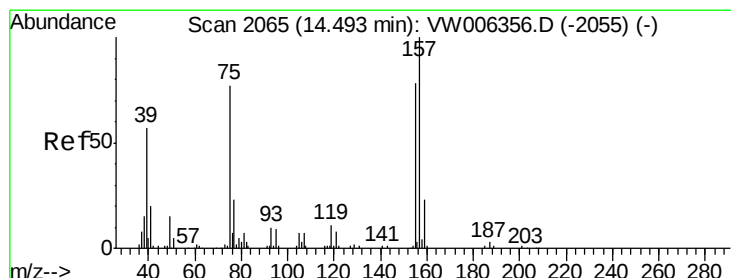
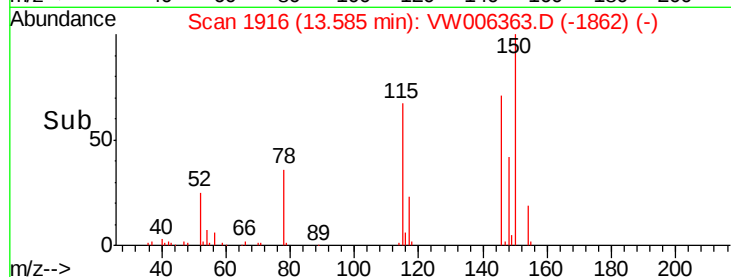
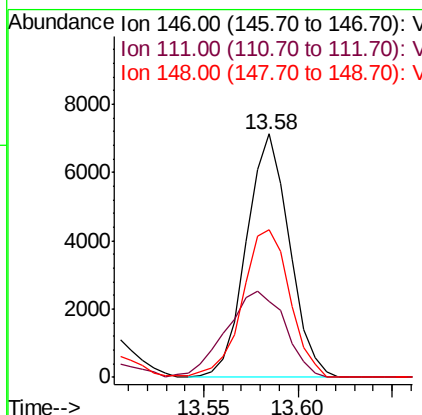
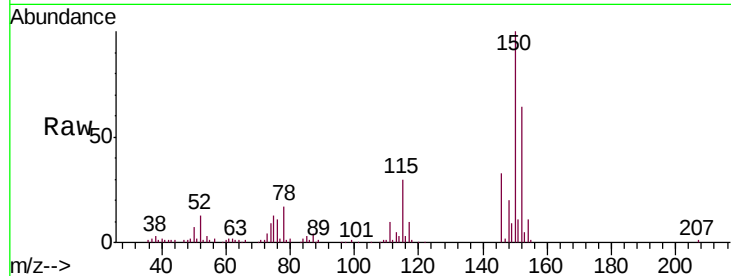




#64
 1,4-Dichlorobenzene
 Concen: 1.240 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006363.D
 Acq: 25 Oct 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 A40K1

Tgt Ion:146 Resp: 11278
 Ion Ratio Lower Upper
 146 100
 111 31.4 24.7 45.9
 148 60.4 44.9 83.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.137 ug/L
 RT: 14.40 min Scan# 2049
 Delta R.T. -0.10 min
 Lab File: VW006363.D
 Acq: 25 Oct 2018 14:39

Tgt Ion: 75 Resp: 2097
 Ion Ratio Lower Upper
 75 100
 157 0.0 106.8 160.2#
 155 65.3 79.2 118.8#

